



# Chocolatey goodness - what...

Rob Reynolds



# Who am I? Who cares...



- Rob Reynolds
- Technical Architect for VML
- OSS
  - Chuck Norris Framework
  - Chocolatey
  - NuGet core team member
  - Various contributions to other projects
- ferventcoder – twitter, gmail, you name it
- ferventcoder.com / Devlicio.us

# What the .... Is Chocolatey?



- Familiar w/Debian? apt-get?
- APT – advanced packaging tool
  - Automates retrieval, configuration, and installation of software
- Windows hasn't really had anything take off



# Chocolatey



- Chocolatey NuGet – local machine repository
  - Think ruby gems on steroids
  - Think apt-get for windows
- What is it?
  - PowerShell instructions for “retrieval, configuration, and installation of software”
  - Global PowerShell Execution Engine

# What does it mean?



- Chocolatey can download a native installer (msi or install.exe)
- Then execute it silently
- Then perform additional setup
- BUT IT CAN DO OTHER THINGS AS WELL
- It's PowerShell, you can do nearly *anything*

# Why Chocolatey?



- Because of this...



# Applications and Tools



- Application –
  - native installer
  - add/remove programs
- Tool
  - everything else
  - .zip



# Install Chocolatey?



- Listed on [chocolatey.org](https://chocolatey.org)
- `@powershell -NoProfile -ExecutionPolicy unrestricted -Command "iex ((new-object net.webclient).DownloadString('https://chocolatey.org/install.ps1'))" && SET PATH=%PATH%;%systemdrive%\chocolatey\bin`



# Install a Tool



## Statlight

```
C:\>cinst statlight
Chocolatey (v0.9.8 20-01-2012) is installing statlight and dependencies
. By installing you accept the license for statlight and each dependency you are installing.
----- StatLight v1.6.4375 -----
Adding C:\Chocolatey\bin\StatLight.bat and C:\Chocolatey\bin\statlight.1.6.4375\tools\statlight.exe'.
Finished installing 'statlight' and dependencies. No errors shown in console, none detected. Check log for errors if unsure.

C:\>statlight

StatLight - Version 1.6.4375
Copyright (C) 2009-2011 Jason Jarrett
All Rights Reserved.
```

makes a link to the exe

call from anywhere

# Install an Application



- UH, WUT?!

# Install an App

## Git



```
C:\>cinst git
```

All you type

```
Downloading http://msysgit.googlecode.com/files/Git-1.8.0-preview2012
Saving 1389864 of 15152461
[ooooo]

-preview20121022.exe> to C:\Users\RREYN0~1\AppData\Local\Temp\chocolat
ey\git.install\git.installInstall.exe
```

```
C:\>cinst git
Chocolatey (v0.9.8.20-alpha2) is installing git and dependencies. By i
nstalling you accept the license for git and each dependency you are i
nstalling.
    _ git.install v1.8.0 _
Downloading git.install (http://msysgit.googlecode.com/files/Git-1.8.0
-preview20121022.exe) to C:\Users\RREYN0~1\AppData\Local\Temp\chocolat
ey\git.install\git.installInstall.exe
Installing git.install...
Elevating Permissions and running C:\Users\RREYN0~1\AppData\Local\Temp
\chocolatey\git.install\git.installInstall.exe /VERYSILENT . This may
take awhile, depending on the statements.
git.install has been installed.
git.install has finished succesfully! The chocolatey gods have answer
ed your request!

Making GIT core.autocrlf false
git.install has finished succesfully! The chocolatey gods have answer
ed your request!
    _ git v1.8.0 _
Finished installing 'git' and dependencies - if errors not shown in co
nsole, none detected. Check log for errors if unsure.
```

# Install something hard



- Wrong again...

# What can I install?



- `clist (chocolatey list) searchTerm`
- [Chocolatey.org](https://chocolatey.org)
- [Nuget.org](https://nuget.org)
- Myget feeds
- File shares

# Chocolatey Update



- `cup SomePackage`
- `cup all`

# Uninstall?



- Yep, chocolatey uninstall
- cuninst



Demo



# Scripting



- Packages.config
- setup.ps1 – set up an full Dev environment!
  - Someone needs Ruby for Rake? Install it
  - SQLExpress? Install it
  - Visual Studio? Install it
  - Check setup.ps1 into source control

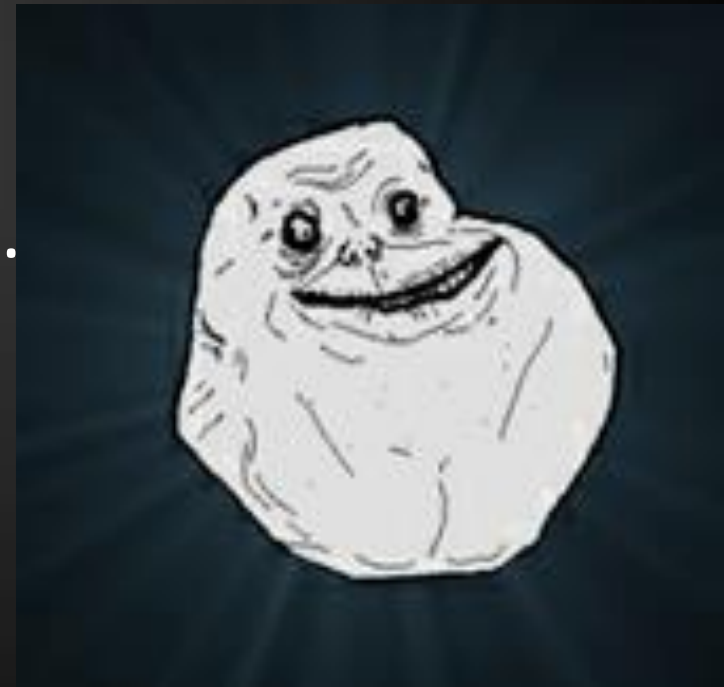


Demo

# Creating packages...



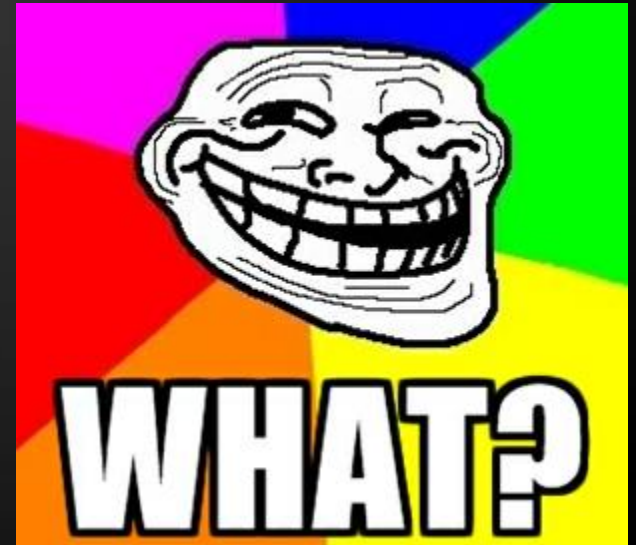
- Is easy
- You just have to .....install x number of things, configure your environment for.....then.....
- .....
- .....
- .....



# Creating packages....



- No really, it's easy!
- `Install-ChocolateyPackage 'windirstat' 'exe' '/S' 'http://windirstat.info/wds_current_setup.exe'`





Demo

# Automatic Packages



- I released new versions of packages this morning.
- Well, twitter told me I did

# Questions?



- ferventcoder – twitter, gmail, etc
- Chocolatey - <http://chocolatey.org>

